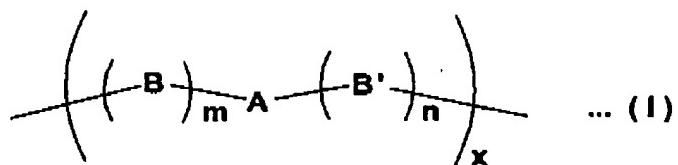


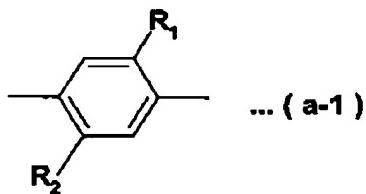
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IN THE CLAIMS:

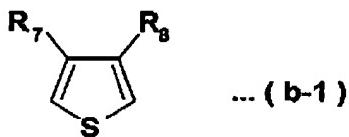
1. (Currently Amended) [[A]] An electroluminescent polymer having the following general formula (I) as a repeating unit:



where in the general formula (I), each of m and n is 1 or 2, A is (a-1), and each of B and B' is identical, and is (b-1);



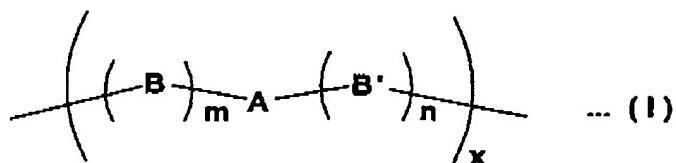
R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ is any one of a hydrogen atom, a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



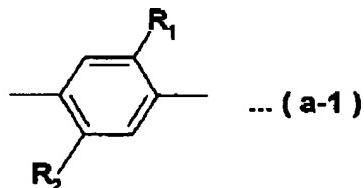
R₇ and R₈ of (b-1) are identical or different, and each of R₇ and R₈ is any one of a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

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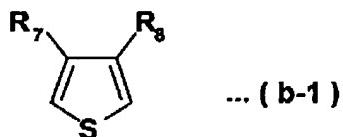
2. (Previously Presented) An electroluminescent element comprising:
a first electrode;
a second electrode over the first electrode; and
a layer interposed between the first electrode and the second electrode;
wherein the layer comprises a polymer having the following general formula (I) as a repeating unit:



where in the general formula (I), each of m and n is 1 or 2, A is (a-1), and each of B and B' is identical, and is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ is any one of a hydrogen atom, a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



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R₇ and R₈ of (b-1) are identical or different, and each of R₇ and R₈ is any one of a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

3. (Previously Presented) The electroluminescent element according to claim 2, wherein the layer is formed by electrolytic polymerization.

4. (Currently Amended) A light-emitting device comprising a plurality of electroluminescent elements,

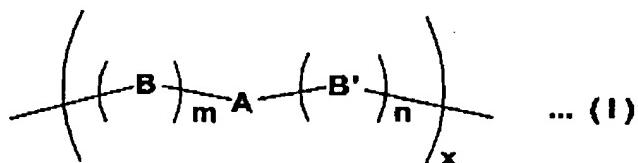
wherein at least one of the plurality of electroluminescent elements ~~comprising~~ comprises:

a first electrode;

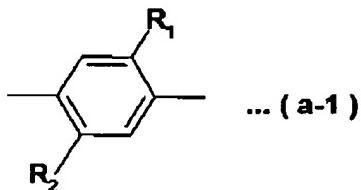
a second electrode over the first electrode; and

a first layer interposed between the first electrode and the second electrode;

wherein the first layer comprises a first polymer having the following general formula (I) as a repeating unit:

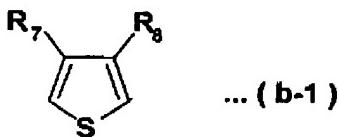


where in the general formula (I), each of m and n is 1 or 2, A is (a-1), and each of B and B' is identical, and is (b-1);



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R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ is any one of a hydrogen atom, a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R₇ and R₈ of (b-1) are identical or different, and each of R₇ and R₈ is any one of a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

5. (Currently Amended) The light-emitting device according to claim 4, wherein the ~~ether~~ another one of the plurality of electroluminescent element comprises:

a ~~fourth~~ third electrode;
a ~~fifth~~ fourth electrode over the fourth electrode; and
a second layer interposed between the ~~fourth~~ third electrode and the ~~fifth~~ fourth electrode;

wherein the second layer comprises a second polymer having the general formula (I) as a repeating unit,

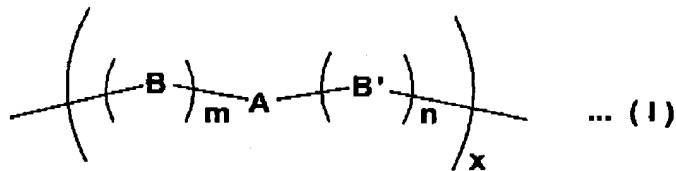
wherein the first polymer is different from the second polymer.

6. (Currently Amended) A light-emitting device comprising:
a substrate having an insulating surface;
a plurality of stripe-shaped first electrodes formed over the substrate;
a plurality of stripe-shaped second electrodes arranged to be orthogonal to the plurality of first electrodes; and

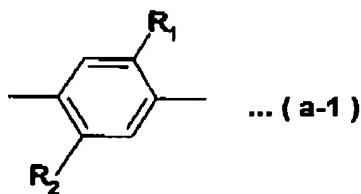
a plurality of layers, wherein each of the plurality of layers is formed between a corresponding one of the plurality of first electrodes and a corresponding one of the plurality of second electrodes,

wherein at least one of the plurality of layers comprises a first polymer having the following general formula (I) as a repeating unit:

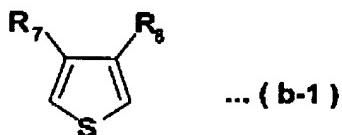
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wherein in the general formula (I), each of m and n is 1 or 2, A is (a-1), and each of B and B' is identical, and is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ is any one of a hydrogen atom, a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R₇ and R₈ of (b-1) are identical or different, and each of R₇ and R₈ is any one of a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

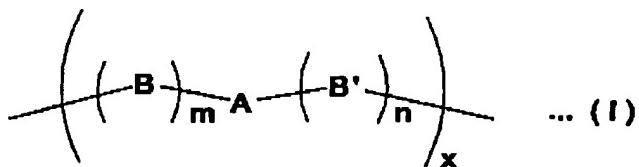
7. (Currently Amended) The light-emitting device according to claim 6, wherein the ether another one of the plurality of layers comprises a second polymer having the general formula (I) as a repeating unit, and

wherein the first polymer is different from the second polymer.

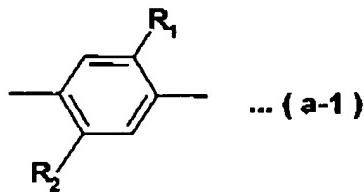
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8. (Previously Presented) The light-emitting device according to claim 6, wherein the plurality of layers are formed by electrolytic polymerization.

9. (Currently Amended) A light-emitting device comprising:
a substrate having an insulating surface;
a plurality of first electrodes formed at over the substrate;
a second electrode over the plurality of first electrodes;
a plurality of layers, wherein each of the plurality of layers is formed between a corresponding one of the plurality of first electrodes and the second electrode,
wherein at least one of the plurality of layers comprises a first polymer having the following general formula (I) as a repeating unit:

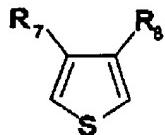


where in the general formula (I), each of m and n is 1 or 2, A is (a-1), and each of B and B' is identical, and is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ is any one of a hydrogen atom, a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and

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... (b-1)

R₇ and R₈ of (b-1) are identical or different, and each of R₇ and R₈ is any one of a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

10. (Currently Amended) The light-emitting device according to claim 9, wherein the other another one of the plurality of layers comprises a second polymer having the general formula (I) as a repeating unit, and

wherein the first polymer is different from the second polymer.

11. (Currently Amended) A light-emitting device comprising:

a first electrode;

a second electrode;

a third electrode;

a fourth electrode over the first electrode, the second electrode and the third electrode;

a first layer ~~comprises~~ comprising a first polymer, formed between the first electrode and fourth electrode;

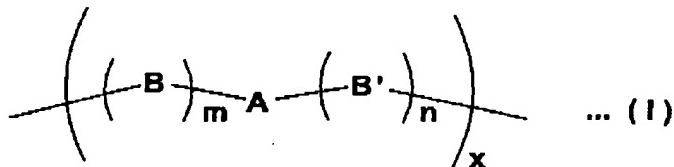
a second layer ~~comprises~~ comprising a first polymer, formed between the second electrode and fourth electrode; and

a third layer ~~comprises~~ comprising a first polymer, formed between the third electrode and fourth electrode,

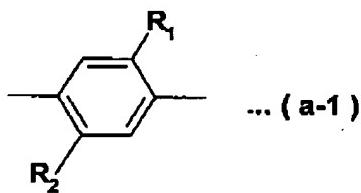
wherein the first polymer, the second polymer and the third polymer ~~emits~~ emit light in different colors from each other,

wherein each of the first polymer, the second polymer and the third polymer ~~having~~ has the following general formula (I) as a repeating unit:

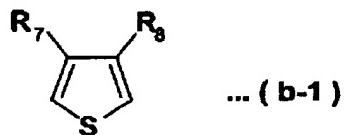
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where in the general formula (I), each of m and n is 1 or 2, A is (a-1), and each of B and B' is identical, and is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ is any one of a hydrogen atom, a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R₇ and R₈ of (b-1) are identical or different, and each of R₇ and R₈ is any one of a halogen atom, and an organic substituent that includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

12. (Previously Presented) The light-emitting device according to claim 9, wherein the plurality of layers is formed by electrolytic polymerization.

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13. (Currently Amended) The light-emitting device according to claim 6, further comprising a plurality of data signal lines, a plurality of scan signal lines, and a plurality of nonlinear elements,

wherein each of the plurality of nonlinear elements is connected to a corresponding one of the plurality of data signal lines and a corresponding one of the plurality of scan signal lines, and

wherein each of the plurality of first electrodes ~~are~~ is electrically connected to a corresponding one of the plurality of nonlinear elements.

14. (Previously Presented) The light-emitting device according to claim 13, wherein each of the plurality of nonlinear elements comprises at least one thin film transistor.

15. (Canceled)

16. (Canceled)

17. (Previously Presented) The light-emitting device according to claim 4, wherein the first layer is formed by electrolytic polymerization.

18. (Previously Presented) The light-emitting device according to claim 11, wherein the first layer, the second layer and the third layer are formed by electrolytic polymerization.

19. (Currently Amended) The light-emitting device according to claim 9, further comprising a plurality of data signal lines, a plurality of scan signal lines, and a plurality of nonlinear elements,

wherein each of the plurality of nonlinear elements is connected to a corresponding one of the plurality of data signal lines and a corresponding one of the plurality of scan signal lines, and

wherein each of the plurality of first electrodes ~~are~~ is electrically connected to a corresponding one of the plurality of nonlinear elements.

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20. (Currently Amended) The light-emitting device according to claim 11, further comprising a plurality of data signal lines, a plurality of scan signal lines, and a plurality of nonlinear elements,

wherein each of the plurality of nonlinear elements is connected to a corresponding one of the plurality of data signal lines and a corresponding one of the plurality of scan signal lines, and

wherein each of the plurality of first electrodes ~~are~~ is electrically connected to a corresponding one of the plurality of nonlinear elements.

21. (Canceled)

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IN THE ABSTRACT

Applicants request that the originally submitted Abstract be replaced with the Abstract attached hereto.